

--ABSTRACT OF THE DISCLOSURE

A heat exchanger with a leakage vent. A fully brazed heat exchanger has an arrangement preventing the two media inside the heat exchanger from mixing in case of leakage. The heat exchanger includes plates having a pattern of grooves and inlet and outlet connections. The plates are placed in a pack and brazed together so as to form separate channels for two media between alternating pairs of plates. A separation zone is created around the connection so as to block off the medium that is not to reach the respective connection. The other medium can flow on by. A leakage vent to the exterior is provided in the separation zone so as to allow detection of any leakage. --

REMARKS

Favorable consideration of this application, as presently amended, is respectfully requested.

By way of the present Preliminary Amendment, Applicant has amended the application to place it in better form for examination. Accordingly, appropriate headings have been added to the specification. Unnecessary reference numerals have been removed from the claims. Multiple dependencies have been canceled, many of which have been reinstated as singly dependent claims. A new Abstract has been inserted in standard U.S. format. No new matter has been entered by way of this amendment.